

CELRP-EC-DG

Heidish/djh/7276  
24 March 2003**MEMORANDUM FOR RECORD (#28)**

**SUBJECT:** Mahoning River, Ohio, Environmental Dredging Project, Feasibility Study, Utilities Investigations and Field Trips, 3 March 2003 & 11 March 2003.

1. The purpose of this memo is to document the above subject field trips made on Monday March 3, 2003, and Tuesday March 11, 2003 to the Mahoning River, Ohio. The participants for both trips from the Corps were: David Heidish EC-DG and Ed McDaniel EC-DG.
2. The purpose of the visits were to meet with various utility company representatives in order to help identify all utility lines (submarine, aerial, and those attached to bridge crossings) that crossed the Mahoning River or were within 100 feet of potential construction limits. Prior to the field visits, Linda Malsch, OR-FP, had researched all the permits issued of the Mahoning River crossings in the area of the feasibility study project. Design Branch also sent letters to all the known utility companies and municipalities requesting drawings and information concerning any utility crossings of the river or any utilities within 100 feet of the waters edge.
3. Pertinent features of the field trips are as noted:
  - a) On 3 March 2003, we drove to Youngstown and met with Fred Smith of MCI World Com to field verify fiber optic crossings. There are three locations where MCI World Com's fiber optic lines cross the Mahoning River. The furthest downstream is at river mile (RM) 19.35 where there is a fiber optic crossing attached to the north side of the CSX railroad bridge and also a submarine line just upstream of the bridge. At RM 22.01 there is a fiber optic crossing attached to both sides of the CSX railroad bridge and also a submarine line just downstream of the bridge. We then drove to Warren to RM 37.65, where there is a submarine crossing of a fiber optic line through an old petroleum conduit owned by Ohio Oil Gathering, that leases the conduit to MCI World Com.
  - b) We drove to Niles and met with Mike Cashmehr, field representative of D-Tech Incorporated, a utility field locator company for Dominion Telecom. We walked back to the Norfolk Southern railroad bridge at RM 33.57 where we saw the 6" conduit attached to the north side of the bridge. Mr. Cashmehr also confirmed that there is only one other river crossing of Dominion Telecom located in Youngstown at RM 18.05, also attached in a 6" conduit attached to that Norfolk Southern bridge crossing.

- c) We drove to Warren and inspected the gas crossing shown on our mapping at RM 43.1. We discovered the submarine gas crossing is owned by Everflow Eastern. We subsequently contacted Everflow Eastern and learned that this crossing is a 4" casing with a 2" conduit.
- d) We drove the entire length of the Mahoning River corridor to review the list of aerial crossings that was provided by John Gordon of Ohio Edison. Many aerial crossings on his list were also at locations that a permit was issued by Regulatory Section. Further clarification will be made with Mr. Gordon to ascertain information for crossings shown in the permits that were not on the list he provided.
- e) On 11 March 2003, we investigated the nine City of Warren sanitary sewer crossings located between RM 37.95 and RM 41.8. Some of the manholes at each side of the river crossing were located and the GPS finder pinpointed the coordinates so that the manholes can be placed on our mapping. However, there were many locations that we could not access these manholes. They will be located in the future by our survey contractor (GRW) so that we can place them on our mapping.
- f) We met with Arwood Pinkerton, field engineer for WCI Steel to locate the gas and sanitary submarine crossings on WCI Steel property. The gas marker (RM 35.98) and sewer manhole (RM 37.03) coordinates were located with the GPS finder. Mr. Pinkerton also verified a dead 18" gas distribution submarine line at RM 36.66.
- g) We drove to Niles and used the GPS finder to pinpoint the coordinates of the 20" water force main manhole at RM 31.5 owned by the Mahoning Valley Sanitary District (MVSD) and also the Ohio Bell manhole at RM 31.51. We also drove further downstream and used the GPS finder to pinpoint the coordinates of another MVSD 20" water crossing at RM 30.67 near the Belmont St. bridge.
- h) We drove to Girard to verify the waterline that is now hung from the Liberty Street bridge at RM 26.99. A permit issued in 1927 had shown a submarine crossing, however Rex Funge of the City of Girard had informed us that this line was cut, capped and extended so that it was hung from the bridge.
- i) We drove to Youngstown to try and find a 42" water feeder line owned by MVSD at RM 22.85. This area had undergone significant changes since the original water line was constructed due to the ODOT bridge and interchange built in the 1970's. We could not locate the siphons for the crossing, so they will be located in the near future by our survey contractor (GRW).
- j) We attempted to verify if the aerial crossings that were owned by Youngstown Sheet & Tube Company and Republic Steel Corporation still

existed. Both of these plants have long been shut down. It appeared that most of the poles and cables have been removed. Our survey contractor (GRW) will verify the entire list of aerial crossings we have to date and obtain information for any aerial crossings that may have been missed.

- k) We located the gas markers on both sides of the river for the Dominion East Ohio Gas submarine crossing at RM 18.99. The GPS finder was utilized to pinpoint the coordinates. We also verified the other two Dominion East Ohio submarine crossings at RM 37.17 and RM 37.65 that are already shown on our mapping.
  - l) Finally, we drove to Lowellville to locate the manhole for the sanitary submarine crossing at RM 12.6. The GPS finder was utilized to pinpoint the coordinates.
4. Pictures were taken of various different utility lines and markers during the trip. The photos can be accessed on the “O” drive under the Multi Organizational/Mahoning River, Ohio/EC/Gen/photo folders.
5. For the record, the Corps and/or Eastgate (thanks to Rachel McCartney and Kim Mascarella who were very helpful in this effort) and initiated contact with the following utility companies and municipalities requesting information and drawings for any potential utilities in the vicinity of the Mahoning River, Ohio feasibility study:

Ameritech/SBC Communications  
 AT&T  
 Dominion Telecom  
 Dominion East Ohio Gas  
 Ohio Edison/First Energy  
 Time Warner Cable  
 Youngstown Thermal  
 BP Oil  
 Buckeye Pipeline  
 Ohio Oil Gathering Corporation  
 Sprint Local Operations  
 Consumer Ohio Water Co.  
 MCI World Com  
 Armstrong Cable  
 Quest Communications  
 Equitable Productions  
 RMI Titanium  
 Atlas Energy  
 WCI Steel Corporation  
 LTV Steel Corp. (old Republic Steel Corp.)  
 Everflow Eastern  
 Mahoning Valley Sanitary District

City of Girard  
City of Youngstown  
City of Warren  
City of Campbell  
City of Niles  
Village of Lowellville  
Trumbull County Engineer  
Mahoning County Sanitary Engineer  
Trumbull County Sanitary Engineer

To date we have communicated with all of the above companies and municipalities. We have received information from 29 of the 31 utility companies and municipalities listed above and expect to receive the remainder by 27 March 2003.

David J. Heidish, P.E.  
Civil Engineer

CF: Mahoning River, Ohio Team

Meeder PM-PF

Cicccone PM-PR

Johnson-Muic PM-P

Boren EC-E

Maser EC-D

Stevenson EC-G

Bricket EC-W

Kelley EC

Hitchings EC

Iagnemma RE-A

Goldstrom RE

Lindauer CT

Dowling PA

Gates EL

Hawkins PM-MM

Likar PM-M

Dixon DPM

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